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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kanekar et al.

Atty Docket No.: CISC110C1/8657

Application No.: 10/723,371

Examiner: Not Assigned

Filed: November 25, 2003

Group: Not assigned

Title: LOAD SHARING AND REDUNDANCY
SCHEME

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on 6/15/04 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: Tiffany Bell

Tiffany Bell

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a continuation of prior application U.S. Patent Application No. 09/342,859. This prior application is being relied upon for an earlier filing date under 35 U.S.C. § 120. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

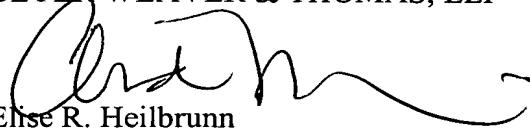
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure

Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. CISC110C1).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read 'Elise R. Heilbrunn', with a long, sweeping horizontal stroke extending to the right.

Elise R. Heilbrunn

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	CISCP110C1/8657	10/723,371
	Applicant:	
	Bhushan Mangesh Kanekar, et al.	
	Filing Date	Group
	November 25, 2003	

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	4,692,918	09/08/1987	Elliott, <i>et al.</i>			12/17/1984
	A2	5,016,244	05/14/1991	Massey, Jr., <i>et al.</i>			09/08/1998
	A3	5,018,133	05/21/1991	Tsukakoshi, <i>et al.</i>			09/06/1990
	A4	5,218,600	06/08/1993	Schenkyr, <i>et al.</i>			12/26/1990
	A5	5,371,852	12/06/1994	Attanasio, <i>et al.</i>			10/14/1992
	A6	5,473,599	12/05/1995	Li, <i>et al.</i>			04/22/1994
	A7	5,572,528	11/05/1996	Shuen			03/20/1995
	A8	5,619,552	04/08/1997	Karppanen, <i>et al.</i>			04/19/1995
	A9	5,729,537	03/17/1998	Billstrom			06/14/1996
	A10	5,825,759	10/20/1998	Liu			07/24/1995
	A11	5,826,345	01/19/1999	Okanoue, <i>et al.</i>			08/15/1996
	A12	6,078,575	06/20/2000	Dommetry, <i>et al.</i>			06/26/1997
	A13	6,195,705	02/27/2001	Leung			06/30/1998
	A14	5,943,604	08/24/99	Chen et al.			
	A15	5,862,451	02/19/99	Grau et al.			
	A16	5,793,763	08/11/98	Mayes et al.			
	A17	5,414,704	05/09/1995	Spinney			
	A18	5,488,412	01/30/1996	Majeti, <i>et al.</i>			
	A19	5,506,987	10/09/1996	Abramson, <i>et al.</i>			
	A20	5,586,121	12/17/1996	Moura, et al			
	A21	5,818,845	10/06/1998	Moura, <i>et al.</i>			
	A22	5,828,655	10/27/1998	Moura, <i>et al.</i>			
	A23	5,859,852	01/12/1999	Moura, <i>et al.</i>			
	A24	5,872,773	02/16/1999	Katzela, <i>et al.</i>			
	A25	5,946,047	09/31/1999	Levan			
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	A28	5,956,346	09/21/1999	Levan			
	A29	5,959,660	09/28/1999	Levan			
	A30	5,959,968	09/28,1999	Chin, <i>et al.</i>			
Examiner				Date Considered			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form 1449 (Modified)

**Information Disclosure
Statement By Applicant**

(Use Several Sheets if Necessary)

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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A31	5,959,997	09/28/1998	Moura, <i>et al.</i>			
	A32	Re. 35,774	04/21/1998	Moura, <i>et al.</i>			
	A33	5,989,060	11/23/1999	Coile, <i>et al.</i>			
	A34	5,950,205	09/07/1999	James A. Avaiani, Jr.			
	A35	6,016,388	01/18/2000	Dillion			
	A36	5,892,903	04/06/1999	Klaus			
	A37	6,006,266	12/21/1999	Murphy, <i>et al.</i>			
	A38	6,052,718	04/18/2000	Gifford			
	A39	6,345,294	02/05/2002	O'Toole, <i>et al.</i>			
	A40	5,826,696	11/1998	Hess, Gary C.			
	A41	5,949,753	09/1999	Alexander, <i>et al.</i>			
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	A44	6,6389,027	05/2002	Lee, <i>et al.</i>			
	A45	5,473,599	12/1995	Li, <i>et al.</i>			
	A46	5,963,540	10/05/1999	Bhaskaran			12/19/1997
	A47	6,148,410	11/14/2000	Baskey, <i>et al.</i>			09/15/1997
	A48	6,397,260	05/28/2002	Wils, <i>et al.</i>			03/08/1999
	A49	6,477,197	11/05/2002	Unger			11/05/2002
	A50	6,577,642	06/10/2003	Fijolek, <i>et al.</i>			06/10/2003

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1	WO98/31107	07/16/1998	WIPO			X	

Examiner	Date Considered
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	Filing Date	
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Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	T. Li, B. Cole, P. Morton, and D. Li, "Cisco Hot Standby Router Protocol (HSRP)," March, 1998, Network Working Group RFC 2281 (http://ftp.ietf.org/rfc/rfc2281.txt?number=2281)
	C2	Release notes for 3Com corporation, "Conducting A Redundant Route for Network Resiliency", March 1994, <u>NET Builder Family Bridge/Router</u> , pages 26-29
	C3	J. Moy, RFC 1247 "OSPF Version 2" July 19, 1991
	C4	D. Oran, RFC 1142 "OSI IS-SI Intra-domain Routing Protocol" February 1990
	C5	Uyless Black, "TCP/IP and Related Protocols", 1992 <u>McGraw-Hill, Inc.</u> , pages 226-249
	C6	T. Li, et al., RFC 2281 "Cisco Hot Standby Router Protocol (HSRP)" March 1998
	C7	Chambless, et al., "Home Agent Redundancy Protocol (HARP)" October 27, 1997
	C8	Networking Working Group, RFC 2002 "IP Mobility Support" October 1996
	C9	K. Egevang et al., "The IP Network Address Translator (NAT)", Network Working Group, PP. 1-10, May 1994.
	C10	Y. Rekhter, et al, " <i>Address Allocation for Private Internets</i> ," RFC: 1918, Network Working Group, February 1996, 9 Pages.
	C11	P. Srisuresh, et al, " <i>Load Sharing Using IP Network Address Translation (LSNAT)</i> ," RFC: 2391, Network Working Group, August 1998, 18 Pages
	C12	P. Srisuresh, et al, " <i>IP Network Address Translator (NAT) Terminology and Considerations</i> ," RFC: 2663, Network Working Group, August 1999, 30 Pages.
	C13	E. Gerich, " <i>Guidelines for Management of IP Address Space</i> ," RFC: 1466, Network Working Group, May 1993, 10 Pages.
	C14	C.E. Perkins and T. Jagannadh, "DHCP for Mobile Networking with TCP/IP," IBM, Watson Research Center IEEE, April 1995
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Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C15	3Com Corporation, "Configuring Boundary Routing System Architecture," NETBuilder Family Bridge/Router Release Notes, March 1994, pp.26-29
	C16	Daruwalla, et al. "Method for a Cable Modem to Rapidly Switch to a Backup CMTS," U.S. Patent Application No. 09/484,611, Attorney Docket No. CISCP122, filed January 18, 2000, 53 Pages
	C17	Zang, et al. "Cable Network Redundancy Architecture," U.S. Patent Application No. 09/484,612, Attorney Docket No. CISCP130, filed January 18, 2000, 60 Pages
	C18	Nosella, et al. "Gateway Load Balancing Protocol," U.S. Patent Application No. 09/883,674, Attorney Docket No. CISCP185, filed June 18, 2001, 48 Pages
	C19	Jayasanen, et al. "Stateful Network Address Translation Protocol Implemented Over a Data Network," U.S. Patent Application No. 09/735,199, Attorney Docket No. CISCP191, filed December 11, 2000, 67 Pages
	C20	Leung, et al. "Methods and Apparatus for Implementing Home Agent Redundancy," U.S. Patent Application No. 10/008,494, Attorney Docket No. CISCP206, filed November 9, 2001, 53 Pages
	C21	Daruwalla, et al. "Routing Protocol Based Redundancy Design for Shared-Access Networks," U.S. Patent Application No. 09/484,189, Attorney Docket No. CISCP115, filed January 18, 2000, 53 Pages
	C22	Kent Leung, "Mobile IP Mobility Agent Standby Protocol," U.S. Patent Application No. 09/714,466, Attorney Docket No. CISCP049C1, filed November 14, 2000, 32 Pages
	C23	Ian Wilson, "Redirection to a Virtual Router," U.S. Application Serial No.: 09/748,828, Attorney Docket No. CISCP190, filed December 26, 2000, 32 Pages
Examiner		Date Considered

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